

Table 16

Estimates of Significant Organic Carbon Sources for San Francisco Bay and its Embayments (Million Kilograms/year)

	Embayment					
Source	SB	CB	SP	SU	Total	Year of Estimate
Within the Bay						
Phytoplankton	71	15	39	5	130	1980
Benthic microalgae	32	11	12	2	57	1980, 85
Outside the Bay						
Delta discharge (10%)	0	0	0	18	18	1980
Tidal marsh export	5	0	10	6	21	1985
Point sources	7	5	0	2	14	1980
Runoff*	4	—	2	1	7	1980
Exchange						
Circulation and mixing	?	?	?	?	?	

SB=South Bay

CB=Central Bay

SP=San Pablo Bay

SU=Suisun Bay

***CB** included with SP

Adapted from Herbold et al., 1992